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	or what types of machine tools it produced. plant and went into operation about 1939 or 1940. The Soviet government border.	
		a unit off off waters
	of the Voroshilovgrad Grinding Machine Factory - Voroshilovgrad, was not part of the Voroshilovgrad Munitions Plant, although it may have been part of the Voroshilovgrad Locomotive Factory. It began operations about 1936 and manubuilt in this factory been part of the property of the part of the factory been part of the factory been part of the part of the factory been part of the part of	25>
	Model #312 grinding machine hydraulic machine tool parts and employed 1000-1200 workers. Monthly production was about 50 machines. The chief angineer of the Monthly pro-	25) 25)
	duction was about 50 machines. The chief engineer at Molotov (1940-1942), tory. He is now /19537 about 53 and was not a Communist	25
	6. The Kommuna Mark I	25)
X1	6. The Kommunar Machine Tool Factory - Lubny, was completed about 1938. I think it was a small factory, and unfortunately I do not remember any detail. It it. 7. The Kramatorsk Heavy Machine Residue.	
	7. The Kramatorsk Heavy Machine Factory - Kramatorsk, produced only heavy machine tools and started production about 1940. This was possibly the biggest USSR.	
	8. In 1937-38, the Gorki, Revolving Machine Tool Factory - Kirov, went into operation, producing multiple lathes. The plant employed 2-3 thousand workers, and produced 50-70 machines per month.	
,	9. I cannot recall when the Lenin Boring Machine Factory - Odessa, was built. I remember that it consisted of two or three buildings and employed about 2 thousand workers. The plant produced 70-100 boring machines per month and also manufactured heavy castings used in the radial boring machines produced at Molotov.	
10	O. All of the above factorics, with the possible exception of Voroshilovgrad, were under authority of the Ministry of Machine Tools. The eight plants are all the machine tool factories and able to recall in the Soviet Ukraine. I can recall a factory named Kirov in Odessa, but I do not believe that it produced machine tools.	
	Details of other Soviet Machine Tool Factories	
11	I know there was a machine tool factory in <u>Kirovgrad</u> , but I am unable to recall anything about it. There was a factory named <u>Kirov</u> in <u>Leningrad</u> which produced machine tools, possibly part of the Locomotive Factory. A large machine tool factory in Moscow produced lathes, possibly 150 machines per month.	
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Determination of Production at Molotov Boring and Grinding Machine Factory 14. Annual production at Molotov	
14. Annual production at Molotov was determined by sizes of machines rather than number of machines since the larger machines required more handwork in conchines had to be finished by hand. Sases and tables of large grinding machines had to be finished by hand. Soft more work Model 3Al5.	
Production Figures Published by Soviet Press	
15. When statements appeared in the Soviet press relative to increased production of a particular plant over the previous year, the percentage always referred factory by the contest than unit increase. However, quotes particularly increase.	
than money value. The ministry were always specified in units rather sequently, in my opinion, published stavistics are practically always incorrect. The Sovietz constantly exaggerate production figures. For example, Molotov would be assigned a monthly production quota of 100 machines. The director	
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Would ask how many machines were completed. When only 90 machines had been completed, due to the failure of the machine shop to supply components, it was the director's practice to add the number of machines being assembled to fill out the monthly quota. Actually, these machines should have been included in the production figures for the following month. The same situation would occur the following month and official statistics would show that 200 machines were completed when actually the correct figure was 180 units. I believe that this intentional audit adjustment could probably have occurred again at the ministerial level and perhaps again at another level before the statistics were finally published. Thus, the published statistics could be 25%-30% higher than the actual production. Consequently, exaggerated Soviet production figures result from attempts of justification by manufacturers and inspectors, as well as an attempt to show the effectiveness of the Soviet system for propaganda purposes.

- 16. In 1937, one possible, although perhaps flimsy, explanation of the discrepancy of Soviet machine tool production figures (36,000 in one official Soviet publication and 48,400 in another) could have been caused by a person in the Statistical Bureau, not entirely femiliar with machine tools, who included production figures of other machine categories which were not legitimate machine tools. However, deliberate falsification of figures cannot be ignored. The figure of 36,000 units, based on production of 60-70 machines per month at Molotov, is at least 20% too high, in my opinion, and might possibly run as high as 30% of error.
- 17. Official statistics of Soviet machine tool production in 1939 (according to official statistics, 55,000 units) probably included the production of all machine tools, including those produced by other ministries or by industrial cooperatives. Even if this supposition is correct, I believe that the figure is at least 20% too high.
- 18. I do not think there was a decline in Soviet machine tool production in 1940 /JS estimates of Soviet tool production for 1940 are 45-49 thousand units. / Many of the Soviet machine tool factories were built in the middle and late 1930's. There is a one or two year period after the completion of a Soviet factory when production is extremely low. Five or six years are required for a Soviet factory to reach normal production levels. We did not have a foundry at Molotov until 1938. In 1940, most of these factories were beginning to come into full production and there would be no reasonable explanation, therefore, for a drop in production. The figures are more reasonable than the earlier official Soviet figures, but are still too high. My estimate of production for 1940 would be 36-40 thousand units.

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